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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of

Complete if Known					
Application Number	10/010,739				
Filing Date	December 6, 2001				
First Named Inventor	Lawrie				
	3835				
Examiner Name	Unknown				
Attorney Docket Number	60130-1293;00MRA0037				

	U.S. PATENT DOCUMENTS								
		Procument Number Number - Kind Code* (# Imowr	Publication Cate	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passeges or Relevant Figures Appear				
		us- 4,087,531	01-10-78	Sikula					
Γ		US- 5,709,513	01-20-98	Tsai					
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known Application Number 10/010,739 **Filing Date** December 6, 2001 First Named Inventor Lawrie 3635 Group Art Unit Unknown **Examiner Name** 60130-1293;00MRA0037 Attorney Docket Number

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(a), volume-issue number(s), Fxaminer Cita initials No. publisher, city and/or country where published. European Search Report Dated March 14, 2003

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> Group Art Unit (use as many sheets as necessary) **Examiner Name** Attorney Docket Number of 2 60130-1293/00MRA0037

	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Number	Document Kind Code ² (if known)	Name of Patentee or Applicant	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
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Sheet	2	of	2	Attorney Docket Number	60130-1293/00MRA0037	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initiats*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), votume-issue number(s), publisher, city and/or country where published.	1,5			
0		Search Report Under Section 17 dated March 7, 2001				
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